(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property **Organization** International Bureau





(43) International Publication Date 28 July 2005 (28.07.2005)

PCT

(10) International Publication Number WO 2005/069422 A1

- (51) International Patent Classification⁷: C25B 15/00, H01M 8/04
- H01M 8/06,
- (21) International Application Number:

PCT/NL2005/000041

- (22) International Filing Date: 20 January 2005 (20.01.2005)
- (25) Filing Language:

Dutch

(26) Publication Language:

English

(30) Priority Data:

1025289

20 January 2004 (20.01.2004) NL

- (71) Applicant (for all designated States except US): NedStack Holding B.V. [NL/NL]; Westervoortsedijk 73, geb. 533, NL-6827 AV Arnhem (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): MIDDELMAN, Erik [NL/NL]; Cattepoelseweg 237, NL-6815 CC Arnhem (NL).
- (74) Agents: AALBERS, Arnt, Reinier et al.; De Vries & Metman, Overschiestraat 180, NL-1062 XK Amsterdam (NL).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: POWER PLANT COMPRISING FUEL CELLS

(57) Abstract: The invention relates to a power plant for generating electric power by means of fuel cells. The power plant is characterized by a nominal power amounting to less than 50% of the peak power, and preferably even less than 25% of the peak power. The power plant preferably comprises several hundred fuel cell stacks.